I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Date

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants

Grace Jung et al.

Int'l Application No.:

PCT/US2003/034655

U.S. Application No.:

10/555,364

Int'l Filing Date

October 31, 2003

For

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**THEREOF** 

Docket No.

: 480102.411USPC

Date

: November 14, 2006

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

## Commissioner for Patents:

In accordance with 37 CFR 1.56 and 1.97 through 1.98, applicants wish to make known to the U.S. Patent and Trademark Office the references set forth on the attached Information Disclosure Statement. Copies of cited U.S. patents and published patent applications are not required and accordingly have not been provided. Copies of any other cited references are enclosed. As to any reference cited, applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to traverse or antedate any such reference, as by a showing under 37 CFR 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants'

duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Applicants believe this Information Disclosure Statement has been timely filed, however, the Director is authorized to charge any fee due by way of this Information Disclosure Statement to our Deposit Account No. 19-1090.

Respectfully submitted,
Seed Intellectual Property Law Group PLLC

Emily W. Wagner

Registration No. 50,922

EWW:ljt

**Enclosures:** 

Transmittal Letter Information Disclosure Statement Cited References (160)

701 Fifth Avenue, Suite 5400 Seattle, Washington 98104 Phone: (206) 622-4900

Fax: (206) 682-6031

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	AA	2,954,380	9/2	27/60	Shapiro e	t al.	r				
<del>-</del>	AB	3,218,328	11/	/16/95	Shapiro e	t al.					
	AC	4,145,435	3/2	20/79	Szmuszko	ovicz	<u> </u>		Ţ		
	AD	4,179,501	12	/18/79	Szmuszko	ovicz					
	AE	4,598,087	7/1	/86	Horwell						
-	AF	4,656,182	4/7	7/87	Horwell						
	AG 4,663,343 5/5/87 Horw					et al.				<u>.</u>	_
	AH	4,855,316				et al.					
	ΑI	4,880,800	11,	/14/89	Wallis						
	AJ	4,906,655	3/6	3/6/90 Horwel		et al.					
				FOREI	GN PATE	NT DOCUMENTS					
		DOCUMENT NUMBE	R	DATE		COUNTRY				TRANSI YES	ATION NO
	AK	CA 1234808		4/5/88	Canada	1					
	AL	CA 1235122		4/12/88	Canada	a					
	AM	CA 2004575		6/6/90	Canada	1					
	AN	CA 2008391		12/23/9	7 Canada	1					
	AO	CA 2058502		6/28/93	Canada	1					
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	BA	5,019,588	5/2	28/91	Horwell e	t al.						
	вв	5,051,428	9/2	24/91	Horwell e	t al.						
	ВС	5,059,620	10	/22/91	Stout et al							
	BD	5,492,825	2/2	20/96	Jan et al.							
	ВЕ	5,506,257	4/9	9/96	MacLeod	et al.						
	BF	5,637,583	6/1	0/97	MacLeod	et al.	ļ		÷			
	ВG	5,670,335	9/2	23/97	Jan et al.						<del></del>	
	вн	5,728,535	3/1	17/98	Lester et a	ıl.	ļ					
	ВІ	5,734,021	3/3	31/98	Lester et a	ıl						
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	Alzheimer's Disease Information Page [online], [retrieved on 10/03/2006]. Rotthe Internet, URL;											
<a href="http://www.ninds.nih.gov/disorders/alsheimersdisease/alzheimersdisease.htm">http://www.ninds.nih.gov/disorders/alsheimersdisease/alzheimersdisease.htm</a>												
Amin et al., (1996) "RPR 101821, a New Potent Cholesterol-lowering Agent: I												
	Squalene Synthase and 7-Dehydrocholesterol Reductase", Naunyn-Schmiedeberg's A Pharmacol 353:233-240.											
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	CA	5,817,698	10/6	/98	Brown et	al.				-	
	СВ	5,885,984	3/23	/99	MacLeod	l et al.					· -
	сс	6,174,879	1/16	/01	MacLeod	l et al.					
	CD	6,180,632	1/30	/01	Myers et	al.	<u> </u>				
	CE	6,210,809	04/0	3/01	Okutomi	et al.	428		546		
	CF	6,214,810	04/1	0/01	Fermini e	et al.	514		75		
	CG	6,451,819	09/1	7/02	Alanine	et al.	514		326		
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	DF	2005/0070552	03/3	1/05	Fedida	a et	al.	514		255.06		
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	DH	2005/0026993	02/0	3/05	Beatcl	h et	al.	514	<del></del>	424		
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	DQ		Barrett, T.D. et al., (1996) "Atypical Dose Response curves for Antiarrhythmic BPS Proceedings 115P.									17
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	EJ	WO 97/32857		9/12/	97	WIPO	)					
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		Beatch et al.	, (200	2) "RS	D1235	Sele	ectively Prolongs Atria	Refr	actor	iness and	Termin	nates
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	Electrophysiol. 24:698 (Abstract 702).											.6 -0
Reatch G et al "Effect of a Novel Anti-tussive Compound CP1 Against Citric											Acid	
Induced Cough in Guinea-Pigs" <i>Proc West Pharmacol Soc</i> , 2001.												
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	FI	WO 01/96335		12/20	/01 \	WIPC	)					
	FJ	WO 03/105756		12/24	/03 \	WIPC	)					
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	FO		Beatch, G. N. et al., (2002) "Ventricular Fibrillation, and Uncontrolled Arrhythn New Targets" Drug Develop Res 55: 45-52.									OKIIIG
	FP		Beatch, G.N. et al., (1996) "Antihistamine-induced Ventricular Arrhythmias" BP Proceedings 120P.									
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	GE	<del>-</del>	involvement of protein kinase C" Brit. J. Pharmacol. 124:600-606.										
	GF	Billman, (200	03) "F	RSD-12	235",	Curre	nt Opinion Investigation	onal D	rugs	4(3):352-	354.		
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		pages.											
	не	Clohs, Lilian	"Cap	illary l	Electro	ophor	esis as an Analytical To	ool in th	Drug Disc	overy			
	nc.	Process" Pres	entat	ion CE	Symj	posiui	n, August, 2000, 40 pa	iges.					
	HF	Clohs, Lilian	"The	Versa	tility o	of CE	for Drug Pharmacokin	etics and	Metabolisr	n Studies"			
	nr	Presentation (	CE S	ympos	ium, A	Augus	t, 2001, 46 pages.						
	HG	Clohs, Lilian	(200	1) "Pha	armac	okine	tics profiling of new dr	ug candi	dates: a key	process in			
	но	drug discover	y" 4(	1): 6.						_			
	,,,,	Clohs, Lilian	et al.	, (2002	2) "CE	Anal	ysis of Propranolol in	Human S	Serum Using	g Dynamic			
	НН	Capillary Coa	ting'	CE C	urrent	s: LC	GC Europe, Reader Se	rvice 14	pp: 289-29	3.			
	,,,						cations of Capillary Ele						
	HI						ne 2002, 29 pages.	-					
	<b>,,,</b> 1	Clohs, Lilian.	"CE	and D	rug M	etabo	lism Studies: A Power	ful Com	bination in 1	Orug			
	HJ	Discovery" C	E Sy	mposiı	ım Wa	ashing	gton, DC, (August 2002	2), 31 pa	ges.				
	,,,,	Crotti et al., (	1998	) "Reg	iocher	nical	control of the ring-ope	ning of e	poxides by	means of			
	HK						nical Abstracts 129(17						
		216472k.					•	•					
	Crotti et al., (1998) "Synthesis and Ring-Opening Reactions of the Diastereoisomeric cis-												
	HL						(Benzyloxy)cyclopente	ene and 2	-(Benzylox)	y)-2,5-			
D3/ 4 3 473	<u></u>	dyhydrofuran'	' Eur	. J. Or	g. Che	<u>m. 8:</u>							
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INE	)DM	ATION DISCLOSU	വടെവ	' A TENT	ENT		Grace Jung et al.							
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		O	THEF	R ART	(Includii	ng Autho	or, Title, Date, Pertinent Pages, E	tc.)						
		De Costa, Br	ian R	. (1990	)) "Sy	nthesi	is and Evaluation of N-	Substitut	ed cis-N-M	ethyl-2-(1-				
	IC						igh Affinity σ Receptor							
							ective $\sigma$ Receptor Prob							
	Doci, A. "Local Anesthetic Effects of Intradermal RSD921 In Healthy Subjects" in Proceedings of the 100th Annual meeting of the American Society for Clinical													
	ID													
							n Antonio, Texas, USA	A. March	18-20, 199	9, 65(2):				
			February 1999. Abstract PIII-2.  n, D. et al., (1993) "Potassium Channel Blocking Properties of Propafenone in Rabbit											
	IE	Duan, D. et a	1., (1)	993) "I I Dhar	otass	ium ( n The	r 264(3): 1113-1123.	erties of F	'ropatenone	e in Rabbit				
		Fzrin et al	2002	) "Safe	ty and	Phar	maccokinetics of RSD	1235 a N	ovel Atrial	Fibrillation				
	lF						ers", Abstracts: 11th In							
		Pharmacothe					•15 , 1100ttavts, 11ttl 11.	iii congi	os cararo v					
							se-Ranging Study of RS	SD1235.	A Novel					
	IG	Antiarrhythm	iic A	gent, Ir	n Heal	thy V	olunteers" Pharmacolo	gist, 44(2	) (Supplem	ent I), A15:				
		XIV <sup>th</sup> World	Cong	ress of	f Phar	maco	logy: Meeting Abstract	S.						
		Fedida, D. et	al., (	2002) '	" Kv1.	.5 is a	in Important Componer	nt of Repo	olarrizing K	<sup>+</sup> Current in				
	IH		l Myo	ocytes"	Circu	ılatior	n Research Peer Review	v Plus Ma	nuscript P	DF, 38				
		pages.				- 55 .								
	11						Clinical Trial of RSD92							
	"						lation For Elective Trea		n <i>Proceedir</i>	igs of the				
		28th Annual	ACC.	P Meet	Absti	ract 3.	2, pp 977, February 200	00.						
	IJ	Franciosi, So	nia e	t al. (20	001)"	pH-ac	ependent blocking action	ons of thr	ee novel an	tiarrhythmic				
							in rat ventricular myoc of propafenone and 5-l							
	IK	channels" Br	J Ph	arm 12	5:969	<u>-978.</u>								
	և	· · · · · · · · · · · · · · · · · · ·	•	•			y Evoked in the Cat by			of 1,2-				
		Aminocyclob	exan	ol Der	vivati	ves" 7	Taxicol. Appl. Pharmac	ol. 3:638	-653.					
EXAMINE	ER						DATE CONSIDERED							
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)														
Grant (1998) "Mechanisms of Atrial Fibrillation and Action of Drugs Used in														
	JC		Management", Am J Cardiol 82:43N-49N.											
	JD	Gregory M. I	regory M. Beatch et al., "Aminocyclohexyl Ether Compounds and Uses Thereof," U.S.											
		Patent Appli	cation	11/20	2,381	, filed	August 11, 2005, pend	ding.						
	JE	Halfpenny, P	alfpenny, Paul R. (1990) "Highly Selective k-Opioid Analgesics. 3. Synthesis and											
	JE	Structure-Ac	tivity	Relati	onship	os of l	Novel N-[2-(1-Pyrrolid	inyl)4-	or ·	-5-substitu	ted-			
		cyclohexyl]a	rylace	tamid	e Deri	vative	es" J Med Chem, 33:28	6-291.						
	ır	Halfpenny, P	aul R	. et al.,	, (1989	9) "Hi	ighly Selective k-Opioi	d Anal	ges	ics. 2. Syn	thesis	and		
	JF	Structure-Ac	tivity	Relati	onship	ps of l	Novel N-[(2-Aminocyc	lohexy	l)ar	yl]acetami	de			
		Derivatives"	•		_	•	- 1	•						
		Hayes, E. S.	et al.,	(1996	) "RSI	D992	Enhances Erection and	Copu	latio	on in Rats	and			
	JG						e Res, pp 189, (Abstrac							
							f Arylpiperazines on C			ernosum S	mooth			
	JH	Muscle In Vi	tro" A	Asia Pa	ac J Ph	narma	col, 12:97-103.	•						
		Hayes, ES. e	t al., (	1997)	"Dire	ct Act	ions of Arylpiperazine	s on Ra	abbi	it and Hun	ian Co	rpus		
	JI	1 -					" Asia Par J Pharmacol					]		
							35 in a rabbit purkinje				ceedin	as of		
	IJ	1 ' '			•		Meeting, Abstract No. 2			•	cccum	55 %		
											7100			
	JK	Keefe, D. et al. (1981) "New Antiarrhythmic Drugs: Their Place in Therapy" Drugs 22:363-400.												
		Kertesz, R. et al., "The Electrophysiological and Antiarrhythmic Actions of RSD Analogs of												
	JL	U50,488H in Rats" in <i>Proceedings of the West Pharmacol Soc.</i> 9 pages, 1994.												
EXAMINE	I	030,40011 111	Nais	шЕГ	oceea	ings C	DATE CONSIDERED	500. 9	pag	CS, 1994.	<del> </del>			
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)													
	KC	Lang, C. C. e	t al.,	(2000)	"Clini	ical E	valuation of RSD921	As a Loc	al Anaesthe	tic in			
	KC	Patients Und	ergoii	ng Ven	ous Co	onnul	lation for Elective Trea	atment" (	lin Pham &	5			
		Therapeutics											
			Lewis et al., (1995) "Enzyme inhibition during the conversion of squalene to cholesterol",										
	KD		eroids 60:475-483.										
***	KE	Li, GR. et al.	GR. et al., (1996) "Adrenergic Modulation of Ultrarapid Delayed Rectifier K <sup>+</sup> current in										
		Human Atria											
	KF						anism of Clofilium Blo		Human Kv	1.5			
		<del></del>					el" Mol Pharm 47:198-						
	KG	Martens et al	., (19	89) "Ei	infache	e Syn	these neuer anellierter	Pyrrole"	J. Synth. C	rg. Ch	em.		
	KU	12:965-967.											
	V11	Matyus et al.	, (199	7) "Ar	tiarrhy	ythmi	c Agents: Current Stat	us and P	erspective",	Medic	inal		
	KH	Research Rev	views	17(5):	427-45	51.							
	KI						Block of K and Na Cur		KC8851, A	Structi	ural		
							udies" BPS Proceeding		· · · · · · · · · · · · · · · · · · ·	_			
	КJ	•			_		lot Predict pH Potentia		_				
		Blockade by	Lidoo	aine a	nd W6:	211 i	n Guinea Pig Ventricu	lar Myoo	ardium¹", T	he Jou	rnal		
		of Pharmacol	logy a	ınd Exj	perime	ntal '	Therapeutics 238(1):15	59-166.					
	Morisawa et al., (1991) "Preparation of fluorocarbocyelle nucleosides as antitumer agents",												
							abstract no. 50215n.						
	Nakahsima, H. et al., (2002) "Angiotensin II Type I Receptor Antagonist Prevents the												
		Promotion of	Atria	ıl Fibri	llation	" PA	CE 24(Part II):698. Al	ostract 70	1.				
EXAMINE	R				-		DATE CONSIDERED						
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Nattel et al., (1998) "Effects of the novel antiarrhythmic agent azimilide on experimental atrial fibrillation and atrial electrophysiologic properties", Cardiovascular Research 37:627-															
	l ll	atrial fibrillat	ion a	nd atria	al elec	troph	ysiologic properties", (	Cardio	ovaso	cular Resea	arch 37:627-				
		635.			J										
	LD		-				vel antiarrhythmic age			•					
			_	al prof	ile tha	it tern	ninates AF in dogs", Eu	ır. He	art J	22(Suppl)	:448				
		(Abstract P2:													
	LE		ttel, (1998) "Experimental evidence for proarrhythmic mechanisms of antiarrhythmic												
		<del></del>	igs", Cardiovascular Research 37:567-577.  ttel, S. et al., "The Role of Channel Opening in Transient Outward Current Block By												
	LF						<u> </u>				-				
				-			pyridine in Human Atr Tu-Pos403, 1994.	iai ivi	yocy	tes" K Cha	inneis II:				
				<del></del>			roquinoline Derivatives	2 00 P	lood	Distalat A	ggragation				
	LG						gical Activity of the Me								
			-				3,4-tetrahydroquinoline			• `	•				
		Bull 33(3):11	• .		2 0/10	,-,-	o, r tottanyaroquinonna	, (01	0 13	orsy, em	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
		<u> </u>			2 Dem	onstr	ates Oral Bioavailabilit	tv. Ne	w R	elease Trai	nsmitted By				
	LH	CNN Newsw	-	_											
	7,	Orth et al., (1	978)	"Cyclo	penta	ne-l-a	nmines" Chemical Abst	racts	89(1	5):555, ab	stract no.				
	LI	129113f.	Í							, ,					
	IJ						onversion Agent RSD12								
		Component of	of the	Humai	n Hea	rt (h1	) Na <sup>+</sup> Current Active D	uring	Rep	olarization	ı" EP				
		abstracts Oct													
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	LL	1					lysis of the Na <sup>+</sup> channe	old is	cking	g actions of	the novel				
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		<b>O</b> 7.	THE	RART	(Including I	Author, Title, Date, Pertinent Pages, E	ic.)							
	Pugsley M K et al "A Char					erization of the Antiarrhytl	nmic and I	Electrophys	siologi	cal				
	MC		RSD992, A Novel Arylpiperazine Drug" (XIVth World Congress											
		Pharmacolog						Ü						
		Pugsley, M.K. et al., "Electropharmacology of two new class 1 agents" Heart and Stroke												
	MD	Annual Confe			_	<b>.</b> ,	Ü							
Pugsley, M.K. et al., (1998) "Sodium Channel-Blocking Properties of Spira								f Spiradoli	line, a K					
	ME					ole for Its Antiarrhythmic A								
		Pharmacol, 32:863-974.												
	MF	Pugsley, M.K	. et a	1., (199	99) "Are	the arrhythmias due to m	yocardial i	ischaemia	and	nd				
	.,,,,					mpathetic system?" Cardio								
	MG	Ribeiro, W. et al., (2001) "Determination of RSD921 in human plasma by high-												
		performance liquid chromatography-tandem mass spectrometry using tri-deuterated												
				al stand	lard: app	plication to a phase I clinic	ation to a phase I clinical trial" J Mass Spectrom,							
		36:1133-113	9.											
	мн	Rich, T. C. et	al. "	Quinid	ine Blo	ck of the Human Cardiac h	Kvl.5 Ch	annel in Ins	side-O	ıt				
		Patches" K C	hann	els II: I	Regulati	ion and Block, Abstract No	o. Tu-Pos4	104, 1999.						
	241	Roden et al.,	Roden et al., (1996) "The Cardiac Ion Channels: Relevance to Management of											
	MI		Arrhythmias", Annu. Rev. Med. 47:135-148.											
						Rapidly and Effectively T	erminates	Atrial Fib	rillation	n"				
	MJ	Eur Heart J.												
	мK	Rynbrandt, R	onalo	H, et	al., (197	71) "Cis-1-[2-(p-Anisidino	methyl)cy	clohexyl]p	iperidi	ne				
	and Related Compounds Oral Hypoglycemic Agents" J Med Chem, 14(10): 985-987.													
	ML					lation of Potassium Chann	els by An	tiarrhythmi	c and					
		Antihyperten	sive l	Orugs"	Hyperte	ension 19(3):228-236.								
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)													
	NC	1 2		•		_	gs: A Reorientation in Light of Recent Developments in						
	110						n", Am J Cardiol 81(6A):3D-13D.						
	ND	Singh, (2003) "Atrial Fibrillation: Epidemiologic Considerations and Rationale f											
	'''	Conversion as	nd M	ainten	ance o	of Sin	us Rhythm", J. Cardiov	asc. Phar	macol. The	r. 8(Suppl			
		1):S13-S26.											
	NE	Snyders, D. J. et al., (1993) "A Rapidly Activating and Slowly Inactivating Potassium Channel Cloned from Human Heart" J. Gen. Physiol. 101:513-542.											
		Snyders, D. J. et al., (1995) "Determinants of Antiarrhythmic Drug Action Electrostatic and											
	NF	Hydrophobic Components of Block of the Human Cardiac hKv1.5 Channel "Circ. Res. 77											
		(3):575-583.											
		Srilatha, B. et al., (1997) "Alterations in Rabbit Corpus Cavernosal Pharmacology By High											
	NG	Cholesterol Diet" Asia Par J Pharmacol, Abstract S15.											
							<del></del>	ntiarrhyth	mika-theor	etische			
	NH	Steinbeck, G. (1992) "Proarrhythmische Wirkungen von Antiarrhythmika-theoreti und Klinische Aspekte" Z Kardiol. 81: Suppl. 4,139-143.											
	NI	Stevenson, W.G. et al., "Atrial Fibrillation and Heart Failure – Five More Years," New England Journal of Medicine 351(23): 2437-2440, December 2, 2004.											
										4 11 1			
	NJ	_					on of an arylether antia			•			
		<b>I</b>	metabolite in rat plasma and hepatic microsomal incubates using liquid chromatography-tandem mass spectrometry" J Chromatog B., 759:256-266.										
		<del></del>					rative effects of nonsec	lating his	tomino II				
	NK			-		-		_	-	-			
		263.	vasti	ne and	terrer	iauiii	e, on human Kv1.5 char	illicis Eu	I J Filailli S	020:237-			
			Valenzuela, C. et al., (1997) "Effects of Ropivacaine on a Potassium Channel (hKv1.5)										
	NL	1		. ,	,		•		Chaime (I	11XVI.3)			
EXAMINER Cloned from Human Ventricle" Anesthe					DATE CONSIDERED	J							
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	ос		Walker, J. A. (2002) "Antiarrhythmic Drug Development - Illusion and Disillusi Develop Res 55:1-2.								ion" Drug		
					termir	ation	of an arylacetamide as	ationshyths	nic in rot h	lood or	nd		
	OD		Walker, M. L. et al., "Determination of an arylacetamide antiarrhythmic in rat bloc tissues using reversed-phase high-performance liquid chromatography" J Chromat										
		_		_	iase III	gii-pe	or formance riquid cirror	natograpn	y J Chron	ialog r	o.,		
		675:257-263,			C) 117		1771 . 1 . 1 . 1		- · · · · · ·				
	OE						ed Electrophsiological						
			Improves Antiarrhythmic efficacy for a group of morpholinocyclohexyl Derivatives" BPS										
		Proceedings											
	OF	Walker, Michael J.A. and Guppy, Leon J. "Targeting Ischemic Ventricula								rrhythmias"			
	<u> </u>						-201, 2002-2003.						
	og	Wang, Z. et a	Wang, Z. et al., (1995) "Effects of Flecainide, Quinidine, and 4-Aminopyridine on										
	00						elayed Rectifier Curren						
		J Pharm Exp				_	•	, ,					
		<u>-</u>					Depolarization-Induced	Outward (	Current in	n Human			
	ОН									One in Trainian			
			Atrial Myocytes" Circ. Res. 73:1061-1076.  Wat, J.Y.K. et al., "Effects of Arylbenzacetamides on Neuromuscular Preparation" Proc										
	OI	West Pharmacol Soc 19, 1994.							scular reparation Froc				
	Ol	1	Wolf, et al. (1998) "Impact of Atrial Fibrillation on Mortality Stroke, and Medical Costs" Arch Intern Med 158: 229-234.										
	$\vdash$	— <del>i</del>					C4.1CAAFNI	A4' =1 4	1 ' D	u n			
	ок					ıaıng	Study of AA5, a New	Antiarrhyt	hmic Drug	" Poste	er		
	$\sqcup$	Conference A					-		<del> </del>				
	OL	Wong, L. et al., "Capillary Electrophoresis Assay to Assess In Vitro Metabolic St.									ty of		
	<u> </u>	Novel Comp	Novel Compounds in Human Liver Microsomes," AAPS Poster, October 2001.										
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	Yeola, S. W. et al., (1996) "Molecular Analysis of a Bindin									in a Hu	ıman		
							nel" Circ. Res. 78(6): 1						
	PD					-	Predicts Antiarrhythmic	c Efficacy	in a Series	s of			
		<del>-</del>	Aminocyclohexyl Esters" J Mol Cell Cardiol.										
	PE		Yong et al., (1999) "RSD1000: A novel antiarrhythmic agent with increased potency under										
		acidic and hig	acidic and high-potassium conditions" J. Pharm. Exp. Ther. 289(1):236-244.										
	PF	Yong, S.L. et	Yong, S.L. et al., (1996) "RSD1000: A Novel Antiarrhythmic Agent with an Improved										
		Therapeutic I	ndex	" BPS	Procee	edings	s 119P.						
	PG	Yong, S.L. et	ng, S.L. et al., (1996) "SAR Evidence that Antiarrhythmic Activity is Unrelated to										
	2	Opioid Kappa	a Ago	nist A	ctivity	/" BP	S Proceedings 117P.		·				
	DU	Zhang et al.,	7)" Inhi	ibition	H]-U69593 binding an	d the card	iac effects	of U50.	,				
	PH	488H by calcium channel blockers in the rat heart" Brit. J. Pharmacol. 120:827-832.											
		Zolotov, Alexander B. et al., (2003) "Physicochemical Determinants for Drug Induced											
	Blockade of HERG Potassium Channels: Effect of Charge and Charge Shielding"												
		Med Chem 1					<b>U</b>		,	<i>G</i>			
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